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TI Manufacture of inorganic particles containing **photocatalyst** for painting and water purification
IN Saito, Toshio; Ogawa, Takatoshi; Okuda, Nobuyasu
PA Takenaka Komuten Co, Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
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DT Patent
LA Japanese
IC ICM B01J035-04
ICS B01J021-06; B01J035-02
CC 61-5 (Water)
Section cross-reference(s): 42, 67

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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 09066238	ICM	B01J035-04
	ICS	B01J021-06; B01J035-02
	IPCI	B01J0035-04 [ICM,6]; B01J0021-06 [ICS,6]; B01J0035-02 [ICS,6]

AB The inorg. particles are manufactured by evenly dispersing **photocatalyst** (e.g., titania) into a porous inorg. matrix (e.g., **cement**), then hardening and pulverizing to have portion of its surface exposed. The manufactured particles are suitable for decomposing hazardous substances in water and for paint in building materials.

ST water purifn **photocatalyst** titania **cement**; paint **photocatalyst** titania **cement** particle

IT **Cement** (construction material)
Paints
Water purification
(manufacture of inorg. particles containing **photocatalyst** for painting and water purification)

IT Catalysts
(photochem.; manufacture of inorg. particles containing **photocatalyst**